

## ABSTRACT

5 The present invention relates to a novel interactive  
virtual reality (VR) performance theater and environment in  
which a plurality of participants enjoy an entertainment  
and/or educational experience. The performance is viewed by  
the participants through VR display devices such as a head  
mounted display, wherein both an immersive graphical  
environment and live and/or pre-recorded performers are  
viewed. The participants exert limited control over the  
10 content and outcome of the performance through the use of  
input devices, such as hand held input devices having a  
plurality of buttons, and/or voice communications, while  
viewing the live or pre-recorded performers whom are mixed  
within the immersive VR environment. The system uses  
15 interconnected computers, video and audio processing devices,  
and furthermore includes a network interconnecting the  
computers, participants, and live/pre-recorded performers for  
video, audio, and graphics transmission.